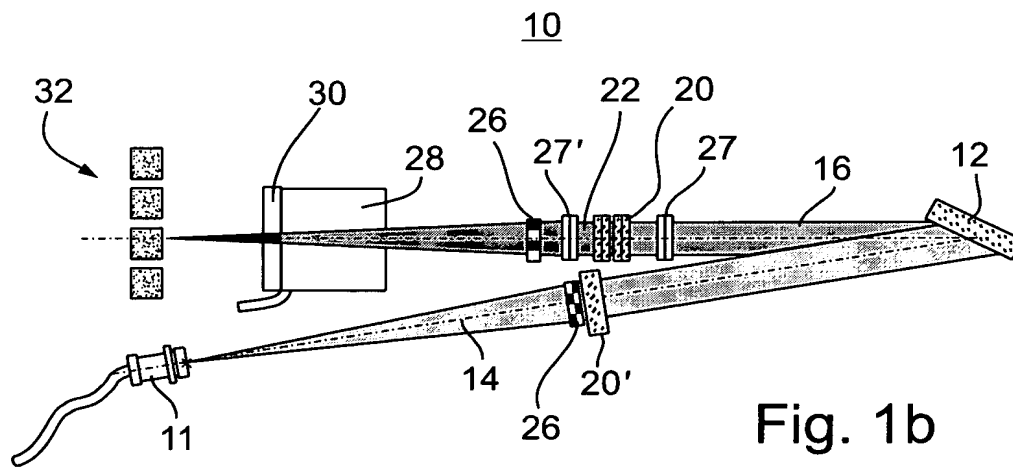
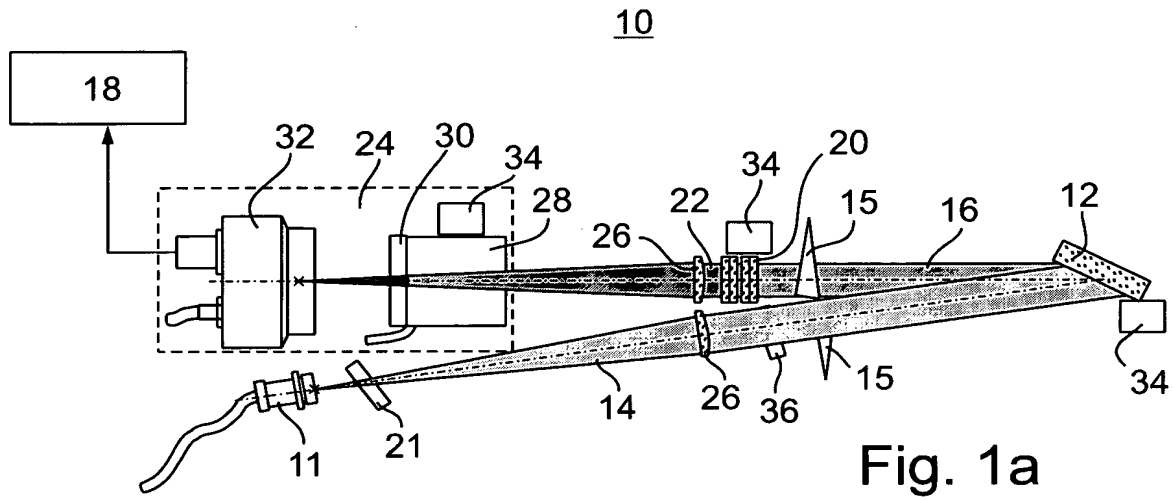


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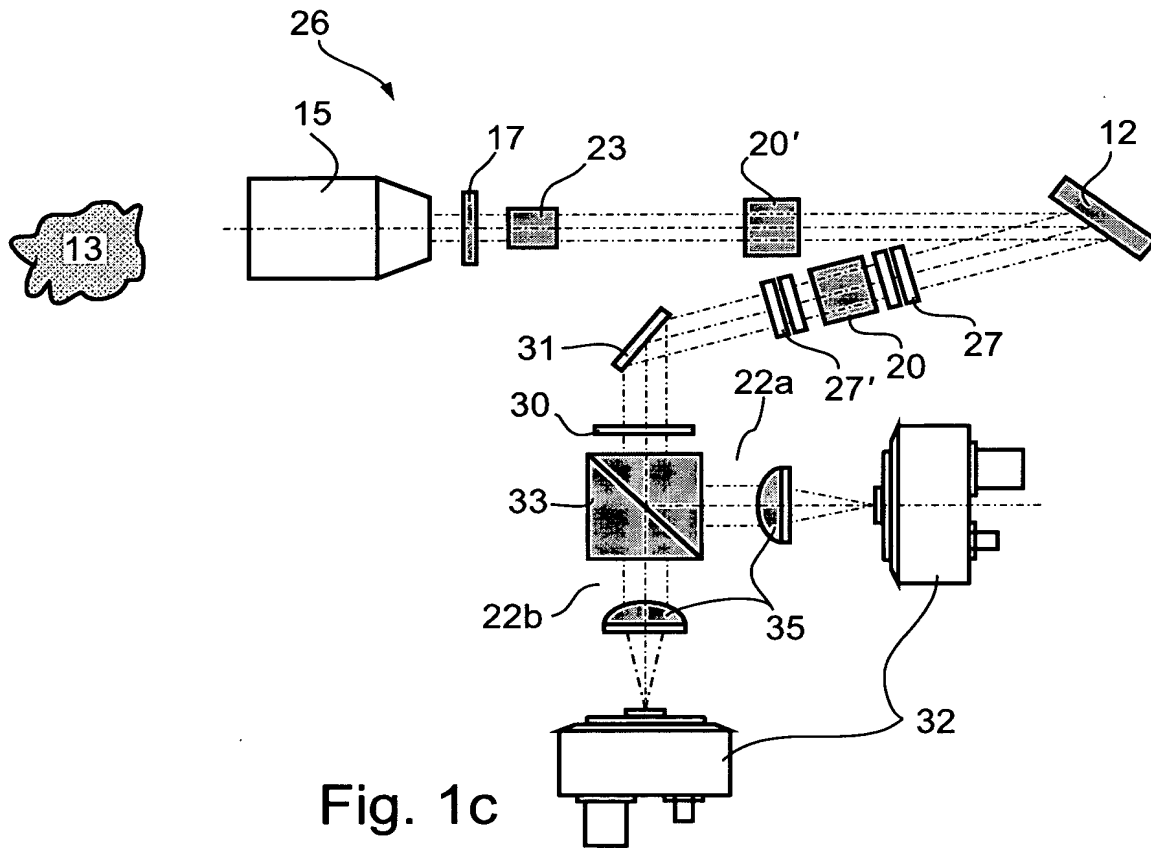


Fig. 1c

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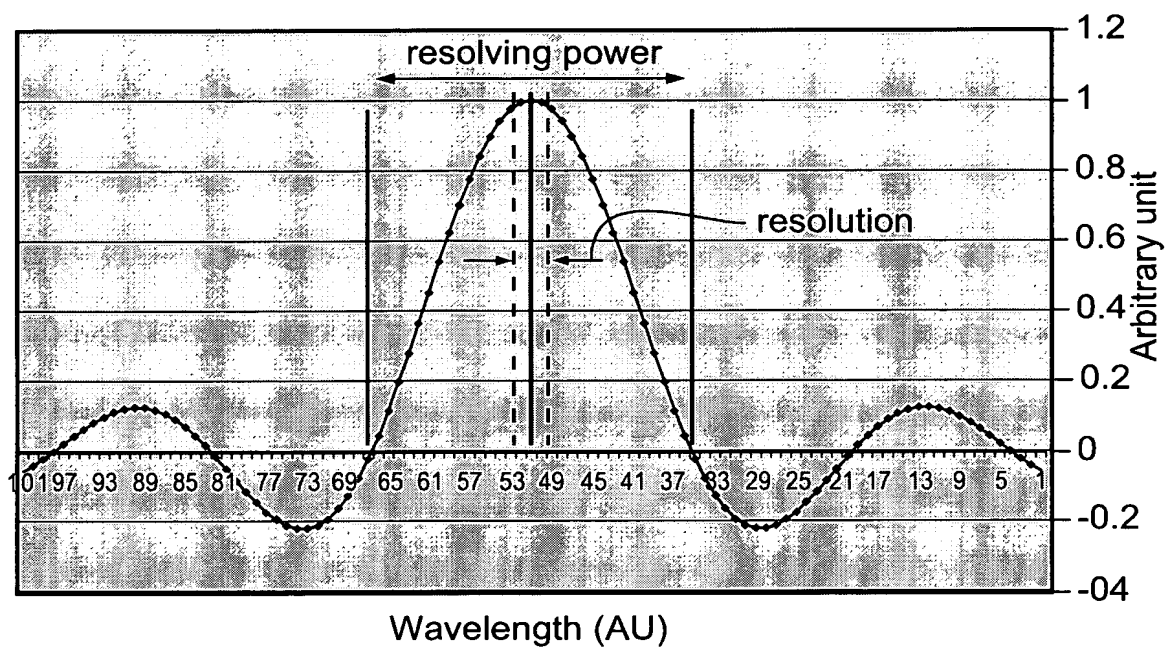


Fig. 2

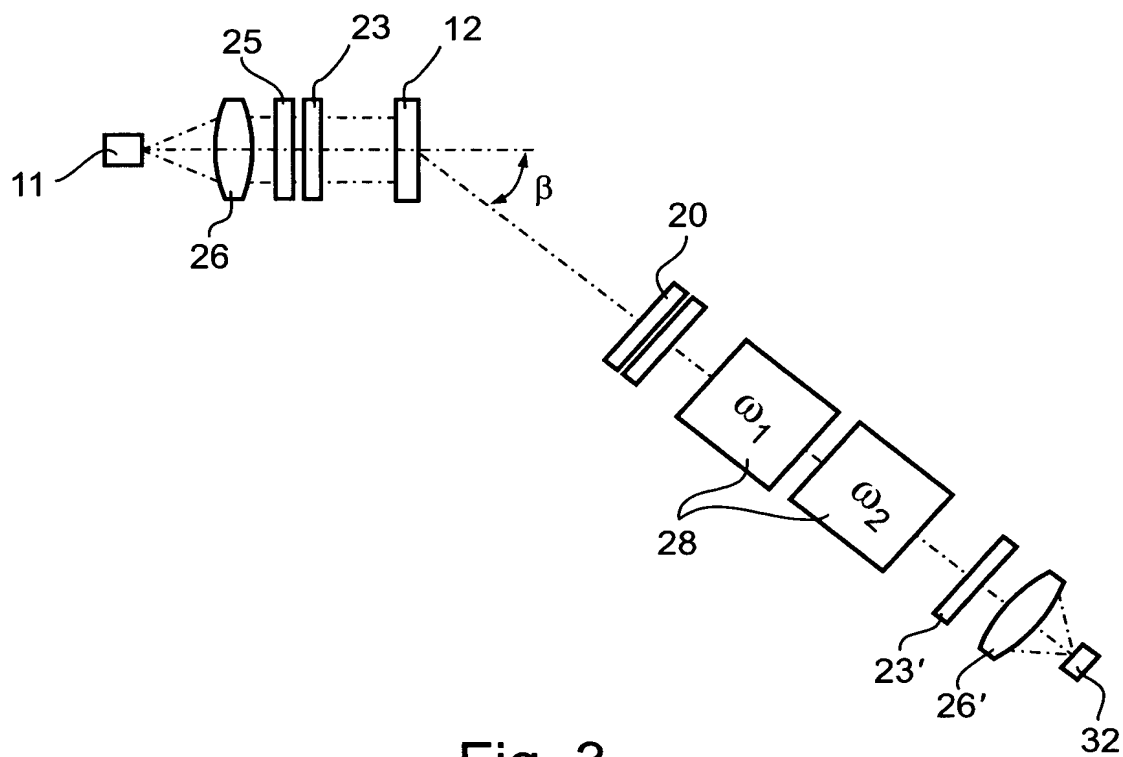


Fig. 3

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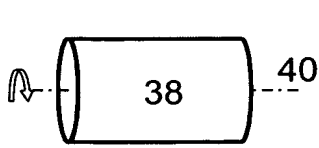


Fig. 4a

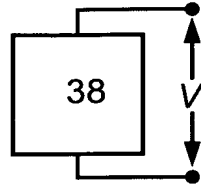


Fig. 4b

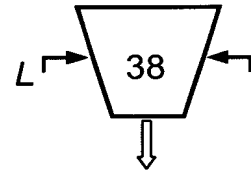


Fig. 4c

Fig. 5a

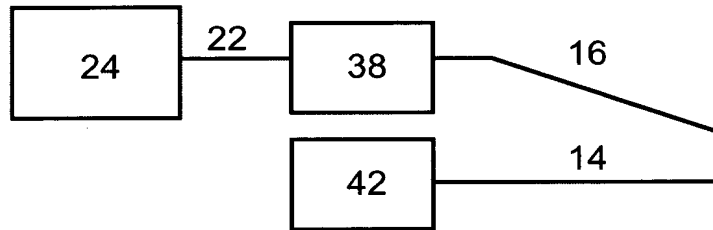


Fig. 5b

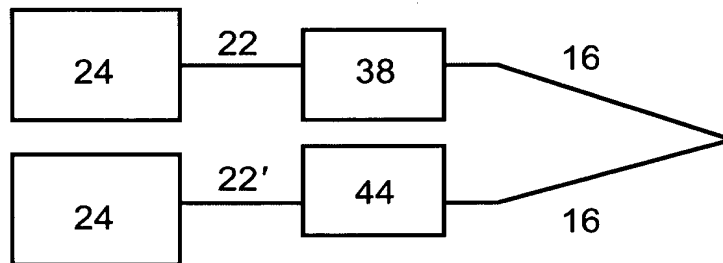
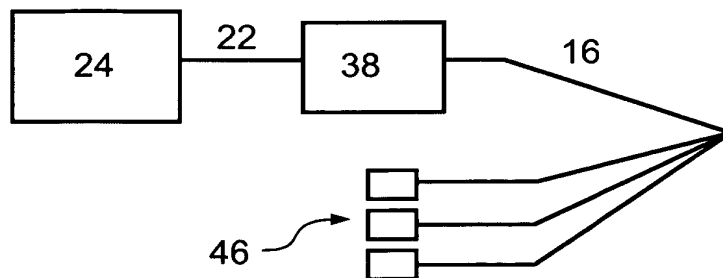


Fig. 5c



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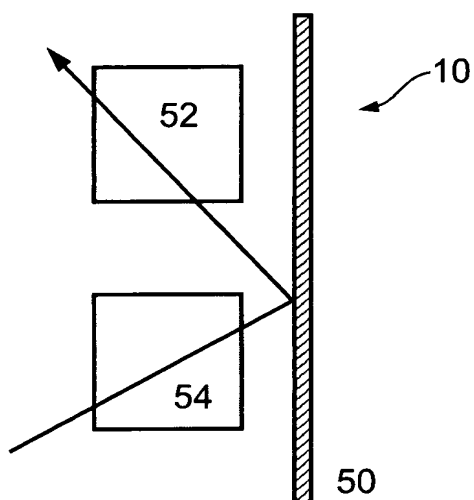


Fig. 6a

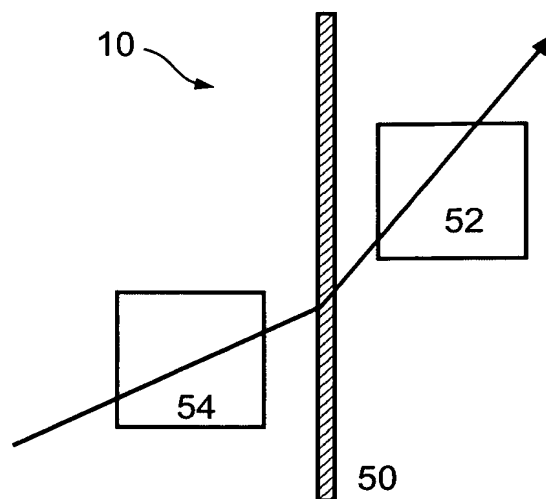


Fig. 6b

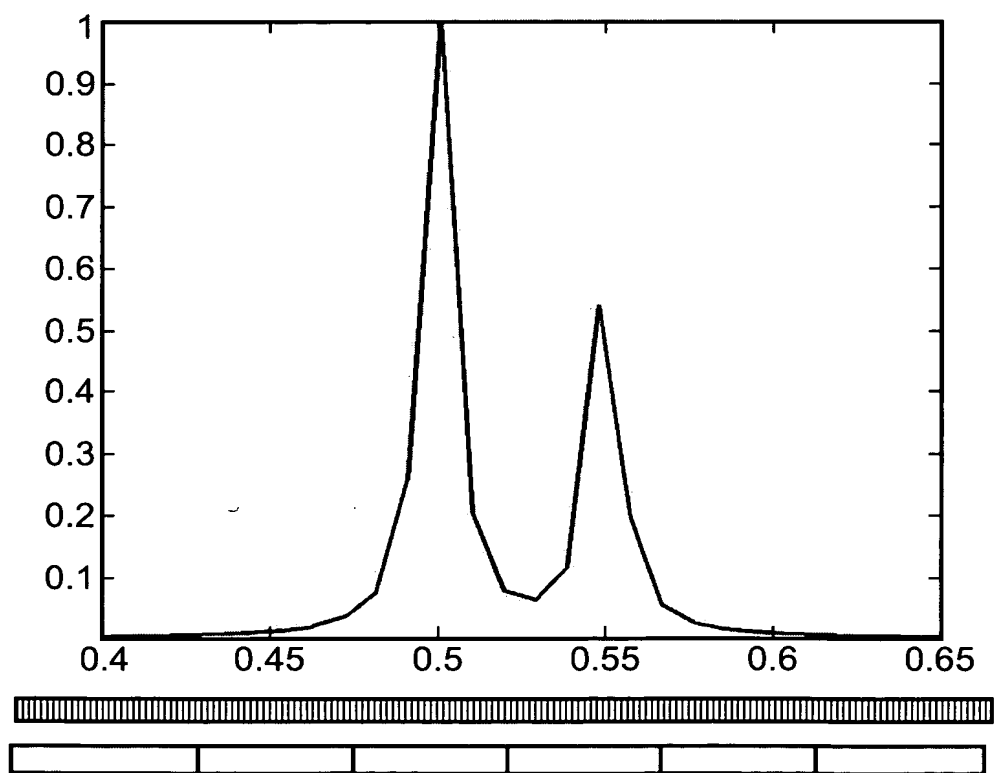


Fig. 7

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FBG initial state

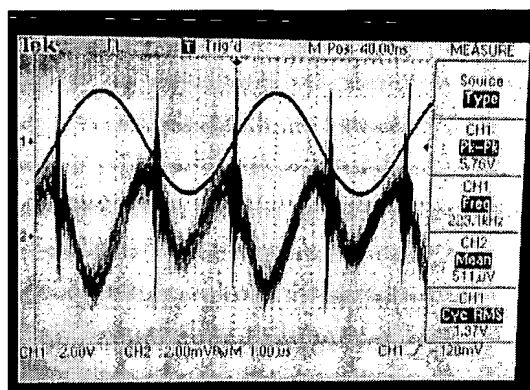


Fig. 8a

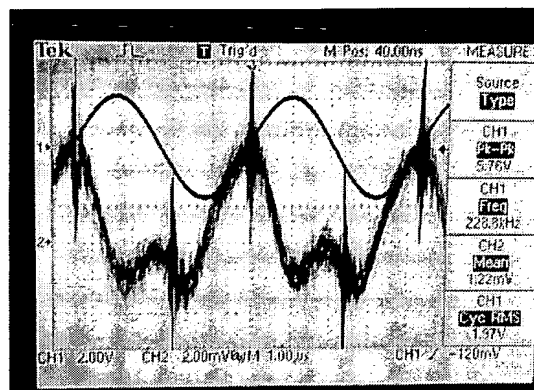


Fig. 8b

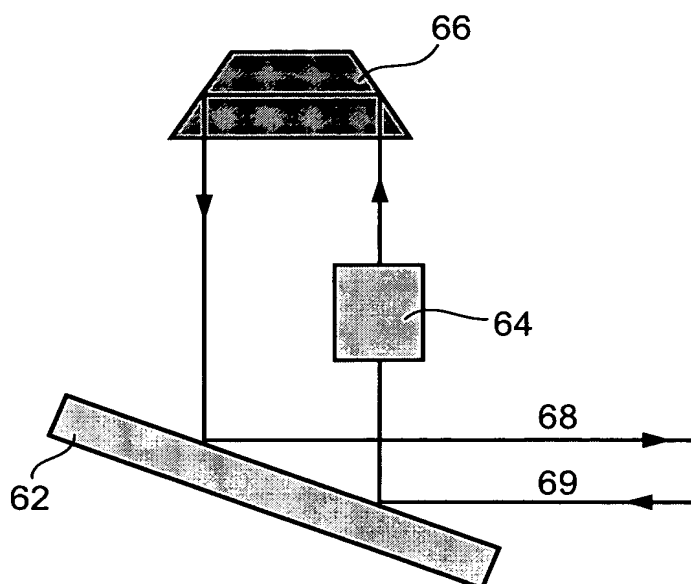


Fig. 9